# GOVERNMENT OF INDIA
# NEW AND RENEWABLE ENERGY
# LOK SABHA

UNSTARRED QUESTION NO:1540
ANSWERED ON:09.03.2017
Supply of Renewable Energy
Raghavan Shri M. K.

**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

(a) whether the Government has identified any cost effective method to supply renewable energy round-the-clock in the country;
(b) if so, the details thereof;
(c) whether the solar power units also requires a lot of land viz. putting up 1 MW of solar power requires two hectares of land;
(d) if so, whether this indicates that large-scale solar power plants can only be set up on land that has no value for agriculture or wildlife; and
(e) if so, the areas so identified and quantum of energy likely to be generated?

## Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)
(a) and (b): The power generated through renewable power projects is fed to the Grid and the power can be accessed round the clock from the Grid. This apart solar energy systems are available with battery storage in off-grid mode.

(c): Yes, Madam.

(d): Yes, Madam. However, the Government is also promoting installation of solar power projects on rooftops to tap the large potential available for generating solar power using unutilized space on rooftops and wastelands around the buildings.

(e): The details of solar parks sanctioned across various States indicating their capacity is given at Annexure.
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